



Purchasing Division

ADDENDUM NO. 1

DATE: February 11, 2019
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: Odor Control Study for Persigo Wastewater Treatment Plant RFP-4601-19-DH

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

1. Page 13, Section 4.1 – It states the City has received nuisance odor complaints that have been attributed to the Persigo WWTP and various locations in the collection system.
 - a. Q. Can you tell us how many locations within the collection may need to be investigated and/or tested?
A. The answer to this will in part rely on the Consultant’s evaluation of the odor complaint records and interviews of Persigo staff conducted during Task 2. The intent is for a comprehensive evaluation of all odor producing locations within the collection system. For the RFP an assumption on the order of 10 is reasonable.
 - b. Q. You indicate there are 29 lift stations. Are any of these, or their force mains, a particular problem? If so, how many will need to be evaluated?
A. Yes, there are a few lift stations/force mains that produce a higher frequency of odor complaints and some that don’t produce any odor complaints. The intent is for a comprehensive evaluation of the collection system. For the RFP an assumption on the order of 10 is reasonable.
 - c. Q. Are you feeding odor control chemicals anywhere other than the location where you are feeding ferrous chloride, 5 miles upstream of the WWTP?
A. There are no other odor control chemicals other than the single ferrous chloride feed 5.5 miles upstream of the WWTP.
2. The RFP does not require any specific testing within the collection system or the WWTP and states “If the consultant identifies any data gaps, provide recommendations for additional data collection to support study and/or design phases of the project”. In our opinion, some sampling and testing will be required to perform a proper evaluation.

- a. Q. Would you like us to include an Alternate Offer for the sampling/testing that we believe will be necessary?

A. Please include any recommended additional sampling and testing as a line item in the “cost not to exceed price” breakdown

- b. Q. If traffic control is needed to access some locations within the collection system, will the City provide some assistance with this?

A. Yes

- c. Q. The RFP indicates ferrous chloride is fed to control H₂S concentrations in the headworks and primary clarifier buildings. Are these the only areas within the WWTP where odors are an issue or is a “whole plant” investigation desired?

A. Hydrogen sulfide in the headworks and primary clarifier buildings are primarily a safety hazard for staff in addition to being a nuisance odor. There are other areas of odor at the plant and the intent is for a whole plant evaluation.

3. Q. Is it possible to visit the collection system and facility to review the locations for potential odor release? We would also like to hear from the City what your long-term goals are.

A. No site visits during the RFP process. The Wastewater Services division goal is to provide the finest wastewater treatment possible, in a fiscally responsible manner that will protect the public health and environment.

4. Q. Do you have information on the collection system and where ferrous chloride has been added?

A. Yes. Ferrous chloride is being added to the interceptor at 2549 River Road. The Persigo WWTP is located at 2145 River Road.

5. Q. Has the City done any odor sampling or odor dispersion modelling at the Persigo Wastewater Treatment Plant or in the collection system?

A. No

6. Q. Have there been any corrosion problems, related to sulfuric acid generation from hydrogen sulfide release, either at the WWTP or in the collection system? If so, can they be located and described?

A. Yes, various areas within the collections system including the sewer interceptors and lift stations have experienced corrosion problems related to sulfuric acid from hydrogen sulfide release and there has been corrosion at the raw sewage wet well at the Persigo WWTP. These can be located and described.

7. Q. Does the City have a budget for this study?

A. Yes, however, the budget amount is not being released.

8. Q. Is there an anticipation that the evaluation will include recommendations for odor control at the lift station(s) or is the intent just to provide an evaluation and recommendation for the treatment facility processes?

A. **The City of Grand Junction is looking for a comprehensive Odor study for both the collections system and the WWTP**

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,

A handwritten signature in black ink, appearing to read "Duane Hoff Jr.", written in a cursive style.

Duane Hoff Jr., Senior Buyer
City of Grand Junction, Colorado